EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2477	427/248.1.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 07:32
S2	932	427/255.7.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 14:51
S3	3134	118/715.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 14:24
S4	18	meng-shuang.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 14:17
S5	22	derderian-garo.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 14:20
S6	29	sarigiannis-demetrius.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 14:18

| S7 | 104 | (("0579569") or ("3618919") or ("3620934") or ("3630881") or ("3630769") or ("3634212") or ("4018949") or ("4242182") or ("4269625") or ("4289061") or ("4397753") or ("4438724") or ("4469801") or ("4545136") or ("4590042") or ("4681777") or ("4826579") or ("4948979") or ("4949669") or ("4966646") or ("4977106") or ("5076205") or ("5091207") or ("5131752") or ("5136975") or ("5172849") or ("5200023") or ("5223113") or ("5232749") or ("5248527") or ("5364219") or ("5377429") or ("5380396") or ("5409129") or ("5418180") or ("5427666") or ("5433835") or ("5445491") or ("5480818") or ("5498292") or ("5500256") or ("55222934") or ("5536317") or ("5562800") or ("5589002") or ("5592581") or ("5595606") or ("5599513") or ("5624498") or ("5626936") or ("5640751") or ("5643394") or ("5654589") or ("5693288") or ("5729896") or ("5746434") or ("5766364") or ("5769952") or ("5788778") or ("5792700") or ("5792269") or ("5820641") or ("5827370") or ("5833888") or ("5846330") or ("5846275") or ("5851849") or ("5865417") or ("5879459") or ("5895530") or ("5908947") or ("5932286") or ("5953634") or ("5956613") or ("5968587") or ("5972430") or ("5994181") or ("5997588") or ("6008086") or ("6032923") or ("6042652") or ("6045620") or ("6059885") or ("6062256") or ("6070551") or ("6080446") or ("6079426") or ("6086677") or ("6089543") or ("6109206") or ("6123107") or ("6129331") or ("6139700") or ("6143659") or ("6143077") or ("6143078") or ("6144060") or ("6149123") or ("6060243") or ("6161500") or ("6174366") or ("6174377") or ("6174809")).PN. | USPAT; USOCR | OR | OFF | 2006/08/17 14:40 |

EAST Search History

S8	56	(("6173673") or ("6178660") or ("6182603") or ("6192827") or ("6194628") or ("6193802") or ("6197119") or ("6200415") or ("6203613") or ("6206972") or ("6211078") or ("6211033") or ("6210754") or ("6214714") or ("6237394") or ("6237529") or ("6245192") or ("6255222") or ("6263829") or ("6270572") or ("6280584") or ("6287980") or ("6287965") or ("6291337") or ("6290491") or ("6297539") or ("6302964") or ("6302965") or ("6303953") or ("6305314") or ("6309161") or ("6315859") or ("6329297") or ("6342277") or ("6346477") or ("6347602") or ("6347918") or ("6355561") or ("6358626") or ("6374831") or ("6387185") or ("6387207") or ("6420230") or ("6419462") or ("6420742") or ("6428859") or ("6432831") or ("6432259") or ("6432256") or ("6435865") or ("6444039") or ("6450117") or ("6451119") or ("6458416") or ("6461931") or ("6461436")).PN.	USPAT; USOCR	OR	OFF	2006/08/17 14:45
S9	8	S2 and ((plural multiple many numerous variety) with (vapor gas) with (valve conduit lines passageway pulse))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 14:52
S10	164	S3 and ((plural multiple many numerous variety) with (vapor gas) with (valve conduit lines passageway pulse))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 15:13
S11	68	S1 and ((plural multiple many numerous variety) with (vapor gas) with (valve conduit lines passageway pulse))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 14:55
S12	30747	((plural multiple many numerous assembly variety) with (vapor gas) with (valve conduit lines passageway pulse))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 15:14
S13	1824	((plural multiple many numerous assembly variety) with (vapor gas) with (valve conduit lines passageway pulse)) and ((chemical adj vapor adj deposition) CVD ALD (atomic adj layer adj deposition))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 15:15

EAST Search History

S14	402	((plural multiple many numerous assembly variety) with (vapor gas) with (valve conduit lines passageway pulse)) same ((chemical adj vapor adj deposition) CVD ALD (atomic adj layer adj deposition))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 15:38
S15	85	(valve adj assembly) same ((chemical adj vapor adj deposition) CVD ALD (atomic adj layer adj deposition))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 15:41
S16	93	(parallel with (valve adj assembly)) with (gas vapor)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/17 15:45
S17	2	("5309945").PN.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/08/17 15:45
S18	16	("2645241" | "3885589" | "4210168" | "4844111" | "5063976").PN. OR ("5309945"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 15:45
S19	13	("3885589" | "4210168" | "4402340" | "5048565" | "5309945").PN. OR ("5738145"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 15:46
S20	27	("20020042205" | "4369031" | "4949670" | "5013398" | "5134965" | "5415728" | "5453124" | "5522934" | "5614055" | "5702530" | "5736457" | "5772771" | "5911834" | "5916369" | "5951772" | "5997950" | "6013155" | "6042687" | "6068729" | "6083569" | "6125859" | "6190233" | "6217937" | "6294026" | "6333272").PN. OR ("6508913"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 15:49

| S21 | 59 | (US-20050045099-$ or US-20040131776-$ or US-20040261706-$ or US-20040221807-$ or US-20040178175-$ or US-20030180458-$ or US-20040163590-$ or US-20040149213-$ or US-20040050326-$ or US-20040040503-$ or US-20040040502-$ or US-20030097987-$ or US-20030084848-$ or US-20030070617-$ or US-20040043541-$ or US-20030183156-$ or US-20030131885-$ or US-20020042205-$).did. or (US-4949669-$ or US-5091207-$ or US-5624498-$ or US-5788778-$ or US-6045620-$ or US-6062256-$ or US-6143659-$ or US-6143078-$ or US-6461436-$ or US-6290491-$ or US-6287980-$ or US-6182603-$ or US-4801474-$ or US-5866198-$ or US-4993358-$ or US-6872259-$ or US-6508913-$ or US-6416584-$ or US-6086677-$ or US-6071349-$ or US-5911834-$ or US-5160542-$ or US-7013916-$ or US-6953047-$ or US-7000636-$ or US-6837483-$). did. or (US-6800134-$ or US-6784123-$ or US-6734020-$ or US-6696108-$ or US-6559520-$ or US-6333272-$ or US-5878793-$ or US-5711354-$ or US-5648114-$ or US-5607002-$ or US-5738145-$ or US-4369031-$ or US-5951772-$ or US-5997950-$).did. or (EP-420596-$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/08/17 15:53 |

| S22 | 241 | ("0255338" \| "0788352" \| "1042745" \| "1731519" \| "1837233" \| "1916635" \| "2057150" \| "2091051" \| "2105864" \| "2237052" \| "2322468" \| "2357777" \| "2499527" \| "2502588" \| "2509078" \| "2517534" \| "2608971" \| "2623331" \| "2645884" \| "2654976" \| "2666297" \| "2675793" \| "2693823" \| "2750071" \| "2765983" \| "2854991" \| "2861587" \| "2918930" \| "2925987" \| "3083721" \| "3095890" \| "3137308" \| "3212525" \| "3214134" \| "3245583" \| "3276470" \| "3319649" \| "3561477" \| "3566913" \| "3604445" \| "3650290" \| "3709242" \| "3720222" \| "3746036" \| "3756271" \| "3766933" \| "3776267" \| "3787023" \| "3795258" \| "3797803" \| "3811467" \| "3827246" \| "3845876" \| "3885589" \| "3939872" \| "3955794" \| "3982559" \| "4004608" \| "4040445" \| "4044737" \| "4044739" \| "4061483" \| "4070001" \| "4108197" \| "4120480" \| "4128391" \| "4166607" \| "4167198" \| "4169486" \| "4198854" \| "4201366" \| "4211387" \| "4228777" \| "4232695" \| "4237920" \| "4287909" \| "4335742" \| "4348005" \| "4349136" \| "4376376" \| "4383547" \| "4431117" \| "4434778" \| "4484695" \| "4487334" \| "4497339" \| "4508132" \| "4520838" \| "4526341" \| "4537385" \| "4554942" \| "4556193" \| "4583372" \| "4606195" \| "4634099" \| "4640221" \| "4659061" \| "4687017" \| "4706929" \| "4709575" \| "4723967" \| "4738693" \| "4744221" \| "4754897" \| "4756310" \| "4763690" \| "4815699" \| "4821907" \| "4828219" \| "4844111" \| "4846440" \| "4869301" \| "4905723" \| "4909269" \| "4917136" \| "5033499" \| "5056759" \| "5071453" \| "5086801" \| "5086807" \| "5117797" \| "5127436" \| "5131627" \| "5137047" \| "5156827").PN. OR ("5163475" \| "5165655" \| "5209253" \| "5217043" \| "5238016" \| "5238024" \| "5241987" \| "5255525" \| "5263477" \| "5271232" \| "5297578" \| "5305791" \| "5329966" \| "5337790" \| "5341968" \| "5357758" \| "5368062" \| "5390697" \| "5392815" \| "5398725" \| "5409526" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/17 16:49 |

EAST Search History

S23	98	((gas vapor) with (valve passageway controll$3 line)) same (alternate near10 pulse)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 16:51
S24	20	((gas vapor) with (valve passageway controll$3 line)) same (alternate near10 pulse) and deposit$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 16:51
S25	16	(US-20040261706-$ or US-20040178175-$ or US-20030180458-$ or US-20040149213-$ or US-20040040502-$ or US-20030084848-$ or US-20020042205-$).did. or (US-5091207-$ or US-6461436-$ or US-6287980-$ or US-6508913-$ or US-5911834-$ or US-6800134-$ or US-6784123-$ or US-6734020-$ or US-6333272-$).did.	US-PGPUB; USPAT	OR	ON	2006/08/17 16:55
S26	33	("4369031" | "5013398" | "5134965" | "5415728" | "5522934" | "5614055" | "5736457" | "5772771" | "5911834" | "6013155" | "6042687" | "6058729" | "6068729" | "6083569" | "6125859" | "6190233").PN. OR ("6333272").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 17:11
S28	17	mcmillin-brian-k.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/08/21 07:33
S29	26	("4253480" | "4394871" | "4539967" | "4702273" | "4720807" | "4798521" | "4911103" | "4949670" | "4961441" | "5020176" | "5020564" | "5031674" | "5220940" | "5292370" | "5365772" | "5534069" | "5725672" | "6063198").PN. OR ("6142163").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 07:34